Dissolution Tester LX200DLT

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Description

Dissolution Tester LX200DLT is equipped with a microprocessor-controlled system that automatically regulates temperature, time, and rotation speed during testing. The vessels and shafts can be installed in either front or rear positions for convenience. The basket and paddle units are constructed from high-quality SUS316L stainless steel, ensuring durability and corrosion resistance. Featuring a magnetically pumped circular water circulation system, the tester maintains a uniform temperature throughout the water bath for consistent and reliable results.

Specifications

No of vessels	6
No of poles	6
Speed range	20 - 200 rpm
Speed accuracy	± 2 rpm
Head part movement	Electrically turn over
Preset time (for 9 points)	1 to 999 mins
Temperature range	Ambient to 45°C
Temperature accuracy	± 0.3°C
Time accuracy	± 0.5 min
Paddle radial run out	± 0.5 mm
Basket radial run out	± 1.0 mm
Power	1200 W
Voltage	220V, 50Hz
External dimension (L x W x H)	960 x 520 x 480 mm
Net weight	44 Kg
Packing dimension	1200 x 470 x 650 mm
Gross weight	65 Kg

Features

- Microprocessor-controlled system with LED display showing both preset and real-time data
- Automatic beeper alert at test points
- Splash-proof alphanumeric keypad for easy operation
- Auto-test, auto-diagnosis, and auto-alarm functions
- Automatic vertical (up/down) movement of the head unit

Applications

- Dissolution Tester used to detect rate (velocity & extent) dissolution limit of pharmaceutical drugs in the form of tablets, pills, capsules, etc.

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